

### **Amendments to the Specification:**

Please replace the paragraph beginning at page 59. At a previous correspondence, the following paragraph on page 59 line 1-9, was cancelled:

“Once an e-service is displayed on a client computer it will be one or more objects and having means for its association with the VNRI's e-commerce or other e-services. Also, these e-services can be made available directly to a server through the VNRI infrastructure instead of being incorporated in a satellite e-mail or be displayed directly to a client computer without the end user of a sever. In the latter case, the e-services displayed at the client will be fetched from the VNRI.

Furthermore, e-services/contents can be retrieved from different server by another server (secondary server) and this secondary server will make any or all of these e-services available to one or more servers (tertiary servers) and each of the tertiary server will make these e-services available to a client.”

And replaced with this paragraph: “Once an e-service is displayed on a client computer it will be one or more objects and at least one of these objects will enable communication between the client computer and VNRI. The client computer will process the object and initiate a communication with VNRI passing parameters about the displayed content page and the server's location from where it was fetched. Next, VNRI will use the received parameters than it will fetch the e-service/content (the same one that is displayed at the client computer) from the server where it is hosted. After receiving the e-service/content VNRI will process its

objects and fetch at least one other of its stored e-service/content or e-commerce, and return it to the client computer. Therefore, e-service/content displayed at the client computer will be fetched from the VNRI and at least one other server. Also, instead of requesting the e-service/content from the server every time an end user at the client computer requests it, VNRI may fetch it once, process it, and stores the processed objects for future use.

By canceling the paragraph, the following section was left out "Also, these e-services can be made available directly to a server through the VNRI infrastructure instead of being incorporated in a satellite e-mail or be displayed directly to a client computer without the end user of a sever. In the latter case, the e-services displayed at the client will be fetched from the VNRI. Furthermore, e-services/contents can be retrieved from different server by another server (secondary server) and this secondary server will make any or all of these e-services available to one or more servers (tertiary servers) and each of the tertiary server will make these e-services available to a client."

The left out paragraph is reintroduced with corrections to clarify its intended meaning. Please insert the new paragraph after the paragraph that replaced the old one. The two paragraphs (the previously replaced paragraph and the new reintroduced paragraph) should read as follows.

Once an e-service is displayed on a client computer it will be one or more objects and at least one of these objects will enable communication between the client computer and VNRI. The client computer will process the object and initiate a communication with VNRI passing parameters about the displayed content page and the server's location from where it was fetched. Next, VNRI will use the received parameters than it will fetch the e-service/content (the same one that is displayed at the client computer) from the server where it is hosted. After receiving the e-service/content VNRI will process its objects and fetch at least one other of its stored e-service/content or e-commerce that is related to the received content, and return it to the client computer. Therefore, e-service/content displayed at the client computer will be fetched from the VNRI and at least one other server and both contents having a relationship with each other. Also, instead of requesting the e-service/content from the server every time an end user at the client computer requests it, VNRI may fetch it once, process it, and stores the processed objects for future use.

Also, contents can be fetched by the VNRI from third party servers (third party servers not associated with the VNRI infrastructure) and pass them on to other third part servers. The other third party servers in turn will make the contents received from VNRI available to end users at client computers accessing them. So, a end user at a client computer accesses a server and request at least one content, the server requests the at least one content from VNRI. Next, VNRI will request the at least one content from other third party servers and return any received content from the requested third party servers, then transmit them to the

third party server that initiated the request. VNRI acts as an intermediary between at least two third party servers and performs the job of fetching and supplying contents from/to other servers.

Please replace the paragraph on page 16 lines 16-18 with the following one.

~~**Virtual e-mall** is when an e-mall place goods/services from any e-shop or web site from the virtual network. An e-mall can have e-shops and web sites, but cannot have products/services of its own (dynamically). Any products offered by an e-mall are virtual ones.~~

**Virtual e-mall** is when an e-mall place goods/services from any e-shop or web site from the virtual network. A virtual e-mall can also have e-shops, e-distributors and web sites.